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30333 7590 12/02/2003

FRANCIS J. CAUFIELD
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LEXINGTON, MA 02421-7025



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Francis J. Caufield	(Depositor's name)
<i>Francis J. Caufield</i>	(Signature)
January 21, 2004	(D)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/853,114	05/10/2001	Henry Allen Hill	0219/US	5210

TITLE OF INVENTION: APPARATUS AND METHOD FOR MEASURING MIRRORS IN SITU

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	03/02/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALLEN, STEPHONE B	2878	356-500000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Francis J. Caufield
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

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(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ZYGO CORPORATION

MIDDLEFIELD, CT

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

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4b. Payment of Fee(s):

Issue Fee
 Publication Fee
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 The Director is hereby authorized to charge the required fee(s), or credit any overpayment. Deposit Account Number 03-1150 (enclose an extra copy of this form).

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(Authorized Signature) Francis J. Caufield (Date) 1/21/2004

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01 FC:1501
02 FC:1504

1330.00 OP
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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)
(37 C.F.R. 1.311)

Docket No.
0219/US

Applicant(s):

HENRY ALLEN HILL

Serial No.	Filing Date	Examiner	Group Art Unit	Confirmation No.
09/853,114	5/10/2001	Stephone B. Allen	2878	5210

Invention:

IN-SITU MIRROR CHARACTERIZATION



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TO THE COMMISSIONER FOR PATENTS
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Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

Issue Fee Transmittal Form PTOL-85

Utility Fee: \$ 1330.00 Design Fee: _____ Plant Fee: _____

Publication Fee: \$ 300.00

A check in the amount of \$1,630.00 is attached.

The Director is hereby authorized to charge and credit Deposit Account No. **03-1150** as described below.

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Francis J. Caufield
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Dated: January 21, 2004

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Francis J. Caufield

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